

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								APPLICANTS: Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP

OPIPE JC180
MAR 03 2004
U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
BZ	5	3	7	1	6	5	9	12/94	Pastrick et al.			
BZ	5	2	0	7	4	9	2	05/93	Roberts			
BZ	5	1	7	9	4	7	1	01/93	Caskey et al.			
BZ	5	1	5	1	8	2	4	09/92	O'Farrell			
BZ	5	1	1	3	1	8	2	05/92	Suman et al.			
BZ	5	1	0	9	2	1	4	04/92	Heidman, Jr.	340	475	
BZ	5	0	4	9	8	6	7	09/91	Stouffer			
BZ	5	0	1	7	9	0	3	05/91	Krippelz, Sr.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DE	3	8	0	3	5	1	0A				Y N
BZ	DE	3	8	0	3	5	1	0A	Germany			Abstract Only
BZ	6	1	1	8	8	2	4	2	Japan			x
BZ	6	2	2	1	8	2	4	8	Japan			Abstract only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL											
BZ	European Search Report for European Application EP 96 65 0012 which is based on related U.S. Patent No. 5,497,306.										
BZ	European Search Report for European Application EP 99 65 0053 which is based on related U.S. Patent Application Serial No. 09/335,010, filed June 17, 1999.										
EXAMINER	<i>Ben Hand Trade</i>								DATE CONSIDERED	01/21/05	
EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(See several sheets if necessary)</small>								APPLICANTS: Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>BB</i>	5	0	1	4	1	6	7	05/91	Roberts			
<i>BB</i>	4	9	1	6	4	3	0	04/90	Vu et al.			
<i>BB</i>	4	8	9	0	9	0	7	01/90	Vu et al.			
<i>BB</i>	4	8	8	1	1	4	8	11/89	Lambropoulos et al.			
<i>BB</i>	4	8	6	6	4	1	7	09/89	Defino et al.			
<i>BB</i>	4	8	0	9	1	3	7	02/89	Yamada			
<i>BB</i>	4	6	8	8	0	3	6	08/87	Hirano et al.			
<i>BB</i>	4	4	7	5	1	0	0	10/84	Duh	340	98	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
<i>BB</i>	1	2	3	9	2	7	3	09/89	Japan			Abstract Only
<i>BB</i>	3	6	3	5	4	7	1	5/88	Germany			x
<i>BB</i>	3	6	3	5	4	7	3	4/88	Germany			x

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
EXAMINER	DATE CONSIDERED	
<i>Bent and Trade</i>	01/21/05	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE									ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small>									APPLICANTS: Todd W. Pastrick et al.	
									FILING DATE 02/02/2004	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>BH</i>	4	4	4	6	3	8	0	05/84	Moriya et al.	—	—	—	
<i>BH</i>	4	3	4	2	2	1	0	08/82	Denningham	—	—	—	
<i>BH</i>	4	2	7	4	0	7	8	06/81	Isobe et al.	340	98	—	
<i>BH</i>	4	2	5	8	3	5	2	03/81	Lipschutz	—	—	—	
<i>BH</i>	4	2	0	5	3	2	5	05/80	Haygood et al.	—	—	—	
<i>BH</i>	4	0	4	1	3	0	1	08/77	Pelchat	—	—	—	
<i>BH</i>	3	5	9	6	0	7	9	07/71	Clark	—	—	—	
<i>BH</i>	2	5	6	2	6	8	7	07/51	Anderson	—	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>BH</i>	JA	3	0	5	0	0	4	4	4/91	Japan	—	—	Abstract only
<i>BH</i>	DE	2	6	3	4	3	7	2	2/78	Germany	—	—	X
<i>BH</i>	JA	5	8	1	8	8	7	33	11/83	Japan	—	—	Abstract only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	DATE CONSIDERED
<i>Bentley Trade</i>	01/21/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>								APPLICANTS: Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP

U.S.P.T.O. MAR 03 2004
PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>JL</i>	2	21	7	3	5	7	0	02/42	Greenfees			
<i>JL</i>	1	5	6	3	2	5	8	11/25	Cunningham			
<i>JL</i>	1	2	7	8	7	4	1	09/18	Phelps	362	83.1	
<i>JL</i>	2	2	9	5	1	7	6	09/42	Kelly	362	83.1	
<i>JL</i>	2	5	1	1	9	7	1	06/50	Dalton	362	83.1	
<i>JL</i>	5	4	9	7	3	0	6	03/96	Pastrick			
<i>JL</i>	5	41	9	7	3	10	5	03/96	Pastrick et al.			
<i>JL</i>	5	3	0	3	1	3	0	04/94	Wei et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
<i>JL</i>	DE	3	61	51	47	8	18	12/87	Germany			X
<i>JL</i>		1	5	5	5	4	1	11/79	Great Britain			
<i>JL</i>		2	11	61	1	4	4	0A	Great Britain			

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL											

EXAMINER	<i>Reacted Trade</i>	DATE CONSIDERED	<i>01/21/05</i>
----------	----------------------	-----------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
								APPLICANT(S) Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
BH	5	6	6	0	4	5	7	08/26/1997	Lyons	362	83.1	
BH	5	4	9	9	1	6	9	03/12/1996	Chen	362	83.1	
BH	5	4	0	2	1	0	3	03/28/1995	Tashiro	340	475	
BH	5	0	5	9	0	1	5	10/22/1991	Tran	359	844	
YH	4	6	6	1	8	0	0	04/28/1987	Yamazaki	340	98	
YH	5	3	2	8	8	2	07/92	Alder				
YH	5	0	3	8	2	5	5	08/91	Nishihashi			
YH	5	3	1	3	1	3	5	05/94	Gray et al.			
YH	5	6	2	4	1	7	6	4/97	O'Farrell et al.	362	83.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
YH	2	1	2	9	7	4	9	05/23/1984	Great Britain			
YH	2	2	6	6	8	7	0	11/17/1993	Great Britain			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	<i>Rehuel Trade</i>	DATE CONSIDERED	<i>01/21/05</i>
----------	---------------------	-----------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								APPLICANT(S) Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	5	6	9	0	4	09/1997		Pastrick et al.	362	83.1		
	5	6	6	9	6	9	9	09/1997	Pastrick et al.	362	83.1	
	5	8	6	3	1	6	01/1999	Pastrick et al.	362	494		
	5	8	2	3	6	5	4	10/1998	Pastrick et al.	362	83.1	
	5	8	7	1	2	7	5	02/1999	O'Farrell et al.	362	494	
	5	6	6	9	7	0	5	09/1997	Pastrick	362	83.1	
	6	1	7	6	6	0	2	01/2001	Pastrick et al.	362	494	
	6	0	8	6	2	2	9	07/2000	Pastrick	362	494	
	6	1	4	9	2	8	7	11/2000	Pastrick et al.	362	494	
	5	8	7	9	0	7	4	03/1999	Pastrick	362	494	
	6	0	9	9	1	5	3	08/08/00	Zimmermann et al.	362	494	
	5	6	6	9	7	0	5	09/23/97	Pastrick et al.	362	83.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLA-TION
												Y N
BZ	DE	1	9	5	38	7	AI	04/24/97	Germany			Abstract Only
BZ	DE	2	9	7	02	7	46	UI	05/15/97	Germany		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL												

EXAMINER	<i>Bertold Trade</i>		DATE CONSIDERED	<i>01/21/05</i>
----------	----------------------	--	-----------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-11138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								APPLICANT(S) Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP

OIE
MAR 03 2004
U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>BH</i>	1	0	9	6	5	2	5/1914	J.G. Penn				
<i>BH</i>	1	3	5	3	2	5	3	09/1920	C.F. Livingston et al.			
<i>BH</i>	1	4	1	5	4	6	5	09/1922	O.B. Nigh			
<i>BH</i>	2	4	5	7	3	4	8	12/1948	P.A. Chambers.			
<i>BH</i>	5	2	0	6	5	6	2	04/1993	Matsuno et al.	315	77	
<i>BH</i>	2	2	3	5	1	8	1	03/1941	Thiel	362	494	
<i>BH</i>	4	5	8	3	5	5	5	04/1986	Hart	362	285	
<i>BH</i>	4	5	8	1	8	0	0	04/1987	Yamazaki	362	494	
<i>BH</i>	5	7	8	8	3	5	2	08/1998	Muth et al.	362	494	
<i>BH</i>	5	8	8	6	8	3	8	03/1999	Kuramoto	359	841	
<i>BH</i>	6	0	7	6	9	4	8	06/2000	Bukosky et al.	362	494	
<i>BH</i>	5	5	8	7	6	9	9	12/24/96	Faloon et al.	340	475	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
<i>BH</i>	GB	2	1	5	3	2	9A	08/1994	Great Britain			
<i>BH</i>		2	6	1	8	3	9	7	01/1989	French		X
<i>BH</i>		2	6	1	2	1	3	6	09/1988	French		X
<i>BH</i>	GB	2	1	6	1	4	4	0A	01/1986	Great Britain		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL											

EXAMINER	DATE CONSIDERED
<i>Bentley Trade</i>	01/21/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. Don01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT(S) Todd W. Pastrick et al.	
(Use several sheets if necessary)		FILING DATE 02/02/2004	GROUP

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
<i>ABJ</i>	6 0 1 6 1 6 46	10/85	Japan			Y X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		

EXAMINER	<i>Bethune Wade</i>	DATE CONSIDERED	<i>01/21/05</i>
----------	---------------------	-----------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. Don01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT								APPLICANT(S) Todd W. Pastrick et al.	
(Use several sheets if necessary)								FILING DATE 02/02/2004	GROUP

O I P E
M A R 0 3 2004
P A T E N T & T R A D E M A R K O F F I C E

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	1	4	5	8	7	0	3	06/1923	Harris et al.			
	2	0	1	0	1	3	8	08/1935	E.T. Condon	177	329	
	3	5	2	2	5	8	4	08/1970	Y.J. Talbot	340	98	
	4	8	0	8	9	6	8	02/1989	Caine	340	71	
	4	8	5	1	9	7	0	07/1989	Bronder	362	66	
	5	4	3	6	7	4	1	07/1995	Crandall	359	15	
	6	0	74	5	12	34	3	04/2000	Muth et al.	362	494	
	6	1	3	9	1	7	1	10/2000	Waldmann	362	494	
	6	2	0	6	5	3	3	03/2001	Böddy et al.	362	494	
	6	2	7	6	8	2	1	08/2001	Pastrick et al.	362	494	
	6	2	8	0	0	6	8	08/28/01	Mertens et al.	362	494	
	6	2	5	0	7	8	3	06/26/01	Stidham et al.	362	494	
	6	3	9	1	7	1	1	10/31/00	Waldmann	362	494	
	6	0	9	9	1	5	3	08/08/00	Zimmermann et al.	362	494	
	5	4	3	6	7	4	1	07/25/95	Crandall	359	15	
	4	6	2	6	0	8	4	12/1986	Kumai, Toshiyuki	359	841	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLA-TION
												Y N
	DE	4	1	4	1	2	0	8	06/1993	Germany		
		9	4	0	9	5	6	63	09/1994	Germany		X
		2	1	5	4	9	6	9	09/1985	Great Britain		
	WO	8	9	0	1	4	2	5	02/1989	PCT		
		62	1	9	1	2	4	6A	08/1987	Japan		X
		8	1	4	2	2	4	5A	06/1996	Japan		Abstract only
		9	0	9	5	1	7	7	04/1997	Japan		Abstract only
	GB	2	3	1	6	3	7	9A	02/1998	Great Britain		
		9	1	0	1	0	2	9	05/1991	Germany		X
	EP	0	8	2	0	9	0	0	01/1998	EPC		
		1	4	6	1	4	1	9	12/66	France		X
	JP	6	1	2	1	8	45	2A	09/1986	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL												

EXAMINER	<i>Bethuel Feade</i>	DATE CONSIDERED	<i>01/01/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			